

# Level 1 Validation Certificate



This document verifies that the Level 1 Validation process was completed. The session details and audit review outcomes are included here.

*This certificate is required for submission – alongside the Level 1 validated water audit software file – to the California Department of Water Resources.*

Call Date: 7/16/2020

Water Supplier

Supplier Name: Tuolumne Utilities District - Columbia

Supplier Participants: Glen Nunnelly, Matt Nolte

Key Audit Metrics

Validator

Validator: Colin Stief,  
Water Systems Optimization

Validator Qualifications: Water Audit Validator Certificate from  
the AWWA California Nevada Section

Certification Statement by Validator

Data Validity Score: 48

ILI: 0.07

Real Loss: 1.11 gal / conn / day

Apparent Loss: 5.56 gal / conn / day

Non-Revenue Water as  
Percent of Cost of  
Operating System: 0.9%

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

## Level 1 Validation – Water Supplier Confirmation

This document confirms participation in and endorsement of the Level 1 Validation as completed.

*This acknowledgement is required for submission – alongside your Level 1 validated water audit software file – to the California Department of Water Resources.*

Water Supplier Name:

Tuolumne Utilities District - Columbia

Water Supplier Public Water System ID:

CA5510013

Water Audit Period:

CY2018

Water Audit & Water Loss Improvement Steps

*Steps taken in the audit period timeframe to increase data source accuracy, reduce real losses, and/or reduce apparent losses, as informed by the water audit.*

TUD plans to proactively test meters to inform future audit inputs related to production meter volume adjustments and customer meter inaccuracy in the future.

Certification Statement by Water Supplier Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (print):

Erik Johnson

Executive Position:

District Engineer

Signature:



Date

2/16/2021